



ESTIMATED EXPOSURE
within 245 km from the epicenter*



2.77 Million
ESTIMATED
POPULATION EXPOSED



616,118
ESTIMATED
HOUSEHOLDS EXPOSED



US\$ 51.8 Billion
ESTIMATED COST OF
INFRASTRUCTURES
EXPOSED

PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Mod./Heavy	Heavy	Very heavy
MMI	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based upon Worden et al. (2011)

Shake map released by [BMKG](#)

*within the radius of 245 km from the epicenter, moderate to severe shaking is expected ([PDC](#))

Indonesia

- An earthquake with a magnitude of 7.1 (previously reported as 7.4) at a depth of 73 km has occurred on 14 November 2019 at 23:17 (UTC+7), with its epicenter at 134 km West of Jailolo Sea, Indonesia, according to Indonesia's Meteorological, Climatological, and Geophysical Agency ([BMKG](#)).
- Recorded intensities: IV-V Bitung, IV-V Manado, III-IV Gorontalo, III-IV Ternate, II Buol
- Previously, [BMKG](#) gave early warning of a tsunami after the main M 7.1 earthquake, and subsequently lifted the warning at 01:45 (UTC+7) on 15 November 2019. [BMKG](#) then updated reports of tsunami waves with heights of 0.6 meters in Ternate, 0.9 meters in Jailolo and 0.10 meters in Bitung.
- According to Indonesia's National Disaster Management Authority ([BNPb](#)), the earthquake caused slight damages in Ternate City, with 6 lightly damaged houses and 2 slightly damaged churches.
- A joint team, consisting of the Regional Disaster Management Agency (BPBD), the Indonesian National Armed Forces (TNI), and the Indonesian National Police (Polri), is conducting a rapid assessment related to the earthquake.
- The AHA Centre is continuously monitoring and will issue an update should there be any significant development of the situation.